

CLAIMS

1. An acid-gas absorbing tablet comprising in relatively sufficient proportions by weight at least one adsorbent, a binder, and at least one basic salt.

2. An acid-gas absorbing tablet as set forth in claim 1 including a second basic salt.

3. An acid-gas absorbing tablet as set forth in claim 2 wherein said at least one basic salt is primarily associated with said adsorbent, and wherein said second basic salt is primarily associated with said binder.

4. An acid-gas absorbing tablet as set forth in claim 1 wherein said at least one basic salt is selected from the group consisting of sodium and potassium carbonates and bicarbonates.

5. An acid-gas absorbing tablet as set forth in claim 1 including a second basic salt, and wherein said at least one basic salt and said second basic salt are selected from the group consisting of sodium and potassium carbonates and bicarbonates.

6. An acid-gas absorbing tablet as set forth in claim 1 wherein said at least one basic salt is selected from the group consisting of sodium and potassium carbonates, and a second basic salt selected from the group of sodium and potassium bicarbonates.

7. A method of absorbing acid gases from an electronic device comprising the steps of providing an acid-gas absorbing tablet comprising in relatively sufficient proportions by weight at least one adsorbent, a binder, and at least one basic salt, and installing said acid-gas absorbing tablet in said electronic device.

8. A method as set forth in claim 7 wherein said acid-gas absorbing tablet includes a second basic salt.

9. A method as set forth in claim 8 wherein said at least one basic salt is primarily associated with said adsorbent, and wherein said second basic salt is primarily associated with said binder.

10. A method as set forth in claim 7 wherein said at least one basic salt is selected from the group consisting of sodium and potassium carbonates and bicarbonates.

11. A method as set forth in claim 7 including a second basic salt, and wherein said at least one basic salt and said second basic salt are selected from the group consisting of sodium and potassium carbonates and bicarbonates.

12. A method as set forth in claim 7 wherein said at least one basic salt is selected from the group consisting of sodium and potassium carbonates, and a second basic salt selected from the group of sodium and potassium bicarbonates.

13. In an electronic device wherein acid gases are generated, the improvement of an acid-gas absorbing tablet in said electronic device, said acid-gas absorbing tablet comprising in relatively sufficient proportions by weight at least one adsorbent, a binder, and at least one basic salt.

14. In an electronic device as set forth in claim 13 including a second basic salt.

15. In an electronic device as set forth in claim 14 wherein said at least one basic salt is primarily associated with said adsorbent, and wherein said second basic salt is primarily associated with said binder.

16. In an electronic device as set forth in claim 13 wherein said at least one basic salt is selected from the group consisting of sodium and potassium carbonates and bicarbonates.

17. In an electronic device as set forth in claim 13 including a second basic salt, and wherein said at least one basic salt and said second basic salt are selected from the group consisting of sodium and potassium carbonates and bicarbonates.

18. In an electronic device as set forth in claim 13 wherein said at least one basic salt is selected from the group consisting of sodium and potassium carbonates, and a second basic salt selected from the group of sodium and potassium bicarbonates.

19. An acid-gas absorbing tablet comprising by weight an adsorbent in the amount of between about 73% and 93%, polyvinylpyrrolidinone in an amount of between 4.2% and 25.1%, potassium bicarbonate in an amount of between about 0.4% and 6.7%, potassium carbonate in an amount of between about 0.2% and 8.4%, and water in an amount of between 0% and 30%.

20. An acid-gas absorbing tablet as set forth in claim 19 wherein said adsorbent is a blend of activated carbon and silica gel.

21. An acid-gas absorbing tablet as set forth in claim 20 wherein said blend is in any proportions including total activated carbon or total silica gel.

22. An acid-gas absorbing tablet as set forth in claim 19 wherein said adsorbent is present in an amount of between about 78% and 88%, and wherein said polyvinylpyrrolidinone is present in an amount of between about 8.3% and 16.8%, and wherein said potassium bicarbonate is present in an amount of between about 1.4% and 3.9%, and wherein said potassium carbonate is present in an amount of between about 0.8% and 4.2% and wherein said water is present in an amount of between about 0% and 15%.

23. An acid-gas absorbing tablet as set forth in claim 22 wherein said adsorbent is a blend of activated carbon and silica gel.

24. An acid-gas absorbing tablet as set forth in claim 23 wherein said blend is in any proportions including total activated carbon or total silica gel.

25. An acid-gas absorbing tablet as set forth in claim 19 wherein said adsorbent is present in an amount of between about 80% and 85%, and wherein said polyvinylpyrrolidinone is present in an amount of between about 9.2% and 10.9%, and wherein said potassium bicarbonate is present in an amount of between about 2.6% and 3.1%, and wherein said potassium carbonate is present in an amount of between about 1.6% and 2.5% and wherein said water is present in an amount of between about 0% and 2%.

26. An acid-gas absorbing tablet as set forth in claim 25 wherein said adsorbent is a blend of activated carbon and silica gel.

27. An acid-gas absorbing tablet as set forth in claim 26 wherein said blend is in any proportions including total activated carbon or total silica gel.